

**Tempe Fire Department Policies and Procedures**  
**Bloodborne/Airborne Pathogen Personal Protective Equipment**  
**210.08B**  
**Rev 10-28-05**

**PURPOSE**

This procedure covers the distribution, restrictions and personal accountability for department issued Bloodborne/airborne Pathogen (BBP) Personal Protective Equipment (PPE) fanny packs. The policy also establishes a matrix indicating appropriate personal protective equipment for various situations.

This procedure is intended to promote and encourage the use of appropriate exposure control measures and minimize the risk of exposure to communicable diseases. The use of BBP PPE will have the effect of decreased exposure risk to both the member and patient.

**PROCEDURE**

The Federal Occupational Safety and Health Administration (OSHA) mandates that employers provide “at risk employees” with BBP PPE. The department will issue a BBP PPE fanny pack to all members assigned to the Operations Division. The need for other department members to be issued this equipment will be considered on an individual basis. Each BBP PPE fanny pack will be permanently labeled with the member's name. The BBP PPE fanny pack will be the responsibility of the member for maintenance and accountability. The BBP PPE will be added to the Personal Protective Clothing Equipment Checklist, and will be inventoried and inspected by company officers during monthly apparatus maintenance. Any missing or damaged PPE will be replaced from the warehouse as soon as possible.

The BBP PPE fanny pack will contain the following items:

- 1 Pair Re-usable protective eyewear/glasses (ANSI C87.1-1989)
- 1 TB mask (NIOSH N95 Approved)
- 1 Re-usable Pocket Mask
- 1 Pair of Disposable sleeves
- 3 Pair of Disposable gloves
- 2 Antibacterial skin cleaner wipes (Vionex)
- 2 Equipment decontamination wipes (Sani-Cloth)
- 1 Sharps shuttle (torpedo)
- 2 Point Loks (needle tip protector)
- 1 Red Biohazard Bag
- 1 Pen Light
- 1 Pair of Trauma Sheers
- 1 Black Ink Pen

### **Exposure precautions matrix**

All members responding to EMS incidents are required to have immediate access to the PPE contents. Wearing the fanny pack on all EMS incidents will achieve this goal. The following matrix describes the appropriate PPE to be worn when managing various types of EMS incidents or performing the skills listed.

<b>TASK</b>	<b>Hand wash Before/After</b>	<b>Gloves</b>	<b>Protective Eyewear</b>	<b>TB Mask N95</b>	<b>Arm Sleeves</b>
Peripheral IV's	X	X	+	-	+
Central Line/Sternal IO	X	X	X	-	-
Blood Glucose Testing	X	X	+	-	-
Cricothyrotomy	X	X	X	X	X
Sharps Disposal	X	X	-	-	-
Intubation	X	X	X	X	X
Insert OPA/NPA	X	X	X	+	+
Bleeding Control	X	X	X	X	X
Suctioning	X	X	X	X	+
Bag Valve Mask	X	X	X	X	+
Extricating Trauma Patient	X	1	1	-	-
Possible Airborne Disease	X	X	X	X	-
Cleaning/Disin. /Equip. Apparatus	X	X	X	X	+
CPR	X	X	X	+	+
Handling Contaminated Waste	X	X	X	+	+
Childbirth	X	X	X	X	X

**Key:** X Required  
+ Recommended  
1 Full turnouts with helmet shield down or goggles in place